1. Which expression completes the fundamental trigonometry identity?
2. Which is a trigonometric identity?
3. Factor the expression and use the fundamental identities to simplify:
4. Convert all of the terms to sines and cosines and simplify to find the expression that completes the identity.
5. Add or subtract the fractions. Then simplify using the Pythagorean Identities and factoring to find the expression that completes the identity.

Identify the expression that completes the equation so that it is an identity.

1. ?
2. ?

Identify the x-values that are solutions of the equation.

Find all solutions of the equation in the interval

1. None of these